



MIDWEST SURVEYS
 LOGGING - PERFORATING - CONSULTING SERVICES
 P.O. Box 66, Osawatomie, KS 65064
 913 / 755 - 2128

GAMMA RAY / NEUTRON / CCL

File No.

Company **Grand Mesa Operating Company**

Well **Vesucky No. 1-5**

Field **Wildcat**

County **Douglas** State **Kansas**

Location **165' FNL & 1340' FWL**

Location **NW-NW-NE-NW**

Other Services **Perforate**

Sec. **23** Typ. **14s** Rq. **20e**

Permanent Datum **GL** Elevation **895'**

Log Measured From **GL** K.B. **NA**

Drilling Measured From **GL** D.F. **NA**

Date **09-26-2014** Elevation **GL 895'**

Run Number **One**

Depth Driller **792.0**

Depth Logger **790.8**

Bottom Logged Interval **749.8**

Top Log Interval **20.0**

Fluid Level **Full**

Type Fluid **Water**

Density / Viscosity **NA**

Salinity - PPM Cl **NA**

Max Recorded Temp **NA**

Estimated Cement Top **0.0**

BORE-HOLE RECORD		CASING RECORD				
RIJL No.	BIT FROM	TO	SIZE	WGT.	FROM	TO
One	11.00"	46.50	7.00"	17.0#	0.0	46.50
Two	6.125"	46.50	2.875"	6.5#	0.0	797.50

Witnessed By **Chris McCown**

Recorded By **Steve Windisch**

Location **107 Osawatimie**

Equipment No. **107**

Estimated Cement Top **0.0**

Max Recorded Temp **NA**

Salinity - PPM Cl **NA**

Density / Viscosity **NA**

Type Fluid **Water**

Fluid Level **Full**

Bottom Logged Interval **749.8**

Depth Logger **790.8**

Depth Driller **792.0**

Run Number **One**

Date **09-26-2014**

Drilling Measured From **GL**

Log Measured From **GL**

Permanent Datum **GL**

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Drilling Contractor : **McGown Drilling, Inc.**

Database File: vesucky 1-5.db

Dataset Pathname: pass2

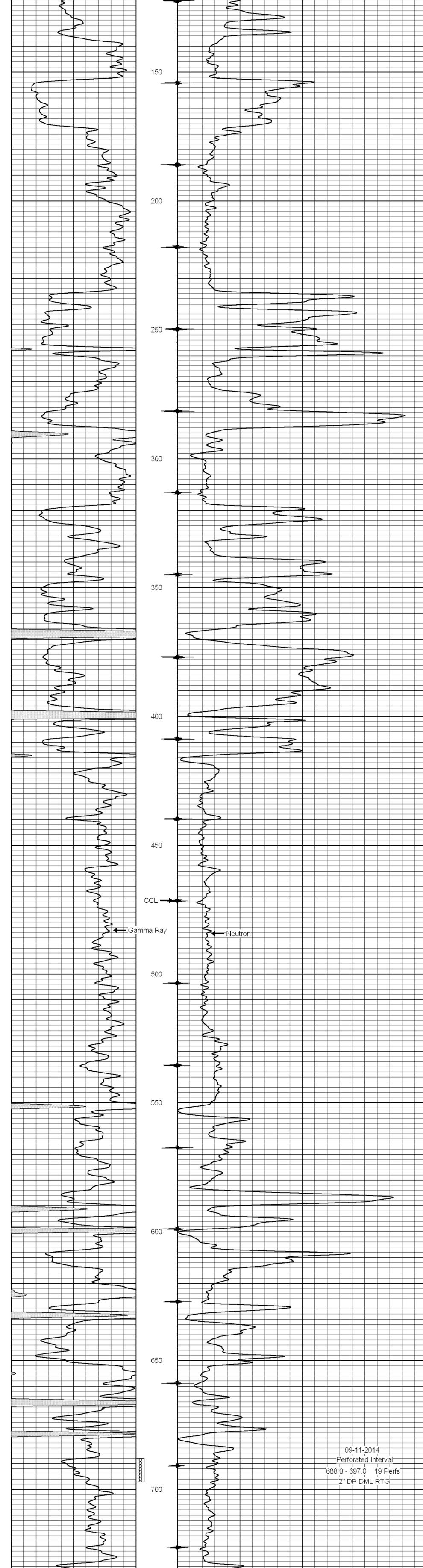
Presentation Format: gr-n-ccl

Dataset Creation: Thu Aug 28 16:03:29 2014

Charted by: Depth in Feet scaled 1:240

0 Gamma Ray (cps) 150 -1 CCL 1 10 Neutron (cps) 2100

150 Gamma Ray (cps) 300



0 Gamma Ray (cps) 150 -1 CCL 1 10 Neutron (cps) 2100

150 Gamma Ray (cps) 300

09-11-2014
 Perforated Interval
 688.0 - 697.0 19 Perfs
 2" DP DML RTG